ASSIGNMENT

WHEREAS, we, Dongwen WANG, residing at 610 West 110th Street, #11B, New York, NY 10025, USA, and Edward H. SHORTLIFFE, residing at 15 Claremont Avenue, #91, New York, NY 10025 USA (collectively the "Assignors") are the inventors of a certain new and useful invention and discovery, for which a patent application entitled "GUIDELINE EXECUTION TASK ONTOLOGY (GETO)" was filed with the United States Patent and Trademark Office on June 20, 2003 as U.S. Patent Application No. 10/600,269 ("the Application").

WHEREAS, The Trustees of Columbia University in the City of New York, existing under the laws of the State of New York, having its principal office at 412 Low Memorial Library, 535 West 116th Street, New York, NY 10027, which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited.

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignors hereby assign to Assignee all of Assignors' right, title and interest in and to the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any applications and/or patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application; any application that claims priority from the Application (Including utility applications, divisionals, continuations, continuations-in-part, international applications and/or any foreign regional and/or national applications), or any application based in whole or in part on any of the forecoine.

Assignors agree that such Assignors and Assignors' heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignors relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto In Assignors during the term of such Assignors will, without further compensation to Assignors during the term of such Assignors' employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations

Attorney Docket No.: 19240.476-US1 Assignment U.S. Patent Application No.: 10/600,269 and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this _ 6 day of 01/09 (Month/Year) January 2019 (Month/Year), Dongwen Wang personally known to me to be the same individual who executed the foregoing Assignment, and who acknowledged to me that execution of the same was of his own free will for the use and purposes therein set forth. WITNESS: Printed Name: Residential Address: IN TESTIMONY WHEREOF. I have hereunto set my hand and seal this day of (Month/Year) Edward H. Shortliffe (Month/Year), Edward H. Shortliffe, personally known to me to be the same individual who executed the foregoing Assignment, and who

acknowledged to me that execution of the same was of his own free will for the use and purposes

WITNESS:
Printed Name:
Residential Address:

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therein set forth.

Attorney Docket No.: 19240.476-US1 Assignment U.S. Patent Application No.: 10/600,269 and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this ____ day of (Month/Year) Dongwen Wang day of (Month/Year), Dongwen Wang personally known to me to be the same individual who executed the foregoing Assignment, and who acknowledged to me that execution of the same was of his own free will for the use and purposes therein set forth. WITNESS: Printed Name: Residential Address: IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 10/08 (Month/Year)

Wer 2008 (Month/Year), Edward H. Shortliffe, personally known to me to be the same individual who executed the foregoing Assignment, and who acknowledged to me that execution of the same was of his own free will for the use and purposes

> Printed Name: Explanade Lane #904

therein set forth.